Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

** SBFCA currently has operation and maintenance obligations during project construction and closeout.

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles							
Levee District No. 0001 (Sutter County)	U	16.11							
D III		-	nce Deficiancy		Enforc	Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee									
Vegetation	32.16	0.02	32.24	200.11%					
Trim / Thin Trees	0.01		0.01	0.06%					
Encroachments					0.05	0.02			
Animal Control	0.01		0.01	0.06%					
Slope Stability	0.04		0.04	0.25%					
Supplemental									
DWR UCIP Field Study					0.11	0.01			
LMA Totals:	32.22	0.02	32.30	200.48%	0.16	0.03	0.00	0.00	
Unit No. 01 Feather River RB	Overall Unit Rating	Total Unit Miles							
LD0001S	U	16.11							
0		Maintena	nce Deficiancy		Enforcement		Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee	1	1	ı				1		
Vegetation	32.16	0.02	32.24	200.11%					
Trim / Thin Trees	0.01		0.01	0.06%					
Encroachments					0.05	0.02			
Animal Control	0.01		0.01	0.06%					
Slope Stability	0.04		0.04	0.25%					
Supplemental		I	1						
DWR UCIP Field Study					0.11	0.01			

32.22

Unit Totals:

0.02

32.30

200.48%

0.16

0.03

0.00

0.00

LMA District Cover Sheet

Fall 2016 Levee Inspection Results

Levee District No. 0001 (Sutter County)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	
	** Non-receipt of Summ Reports may effect or			

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indiction of risk.

Comments

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles
Unit No. 01 Feather River	Right	16.11

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/24/2016 - 3/24/2016		10/4/2016 - 10/4/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By			Andrew Stresser	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start		Rating **	Α	Issue No.		4		
LM End		Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Category				Start		End		
14	Operations & Maintenance				0		0	
item	Item Manuals				0		0	
DWR ID	DWR_LD00	001S_01_s _ 20	13_4					
		Comn	nent Cod	de				
	Inspector Comment							
Sean stated that the O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA.								
5	245 Zhu St, Tuba Oity, OA.							

No Photos

LM Start		Rating **	Α	Issue No.		5		
LM End		Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Emergency Supplies &					0		0	
пеш	Equipmen	nt			0		0	
DWR ID DWR_LD0001S_01_s _ 2013_5								
		Comn	nent Cod	de				

No Photos

Inspector Comment

Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.

LM Start		Rating **	Α	Issue No.		6				
LM End		Issue Type +	Ма	Location *		WS				
Category	Earthen L	evee		GPS La	atitud	le/Longitude				
Calegory				Start		End				
Item	Flood Pre	paredness &	Training		0		0			
пеш	item				0		0			
DWR ID	DWR_LD00	001S_01_s _ 20	13_6							
		Comn	nent Cod	le						
Inspector Comment										
Sean stated that he and the district employees attended the Flood Fight class put on by DWR and RD784 annually.										

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.		30	
LM End	16.09	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.9511	09°	39.168577°	
item				-121.5857	'11 °	-121.622691 °	
DWR ID DWR_LD0001S_01_f _ 2016_30							
		Comn	nent Cod	de			
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Annual grasses need to be maintained. Fall 2016.							

М

Issue No.

Location *

Rating **

Issue Type +

LM Start

LM End

0.01

16.09



View of annual grasses need to be maintained. Fall 2016.

Photo 2 of 2: FA_2016_LD0001S_433_30_20161007_00061.jpg

30 (cont)

LS



Second view of annual grasses need to be maintained. Fall 2016.

LM Start	0.01	Rating **	М	Issue No.		31	
LM End	16.09	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetation			38.9511	09°	39.168577°	
пеш				-121.5857	11 °	-121.622691°	
DWR ID	DWR_LD00	001S_01_f _ 20	16_31				
		Comn	nent Coc	de			
V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment							

Annual grasses need to be maintained. Fall 2016.



View of annual grasses need to be maintained. Fall 2016.

* Location + Issue Type N/A: Not Applicable Ma: Maintenance Deficiancy LS: Land Side A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	0.01	Rating **	М	Issue No.		31 (cont)
LM End	16.09	Issue Type +	Ma	Location *		WS
Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetatio	n		38.9511	09°	39.168577°
пеш	-121.5857				'11 °	-121.622691 °
DWR ID DWR_LD0001S_01_f _ 2016_31						
		Comn	nent Cod	de		
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Annual grasses need to be maintained. Fall 2016.						



Second view of annual grasses need to be maintained. Fall 2016.

Rating ** С Issue No. LM Start 0.03 Issue Type + En Location * LS LM End 0.35 Earthen Levee GPS Latitude/Longitude Category End Start Encroachments 38.951406° 38.955946 -121.585625 ° -121.585517 ° DWR ID DWR_LD0001S_01_f _ 2012_8 Comment Code PO: Pole Inspector Comment

Power pole set on landward levee slope then seven more poles line the

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

le A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

levee toe. Permitted under #1679.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	0.36	Rating **	М	Issue No.		497	
LM End	0.36	Issue Type +	En	Location *		LS	
Category				GPS Latitude/Longitude			
Calegory	Category					End	
Itom	Item DWR UCIP Field Study			38.95619	92 °	38.956192°	
пеш				-121.5855°	10°	-121.585510°	
DWR ID							

Inspector Comment

Comment Code

FS_ID:41624 DS_ID:18653 EP_NO: 4667

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Abandoned crossing. Concrete box on both sides

found. Pipe remainings are found on WS.

FIELD_STRUCT_DESC: *ABANDONED* Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964.O&M Manual Sac 144, August 1955,

Revision Year 2011. FS Date: 4/12/2013

LM Start	0.36	Rating **	М	Issue No.	497 (cont)
LM End	0.36	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_41624_18769.jpg



Crown view- overview of both sides of the levee

Photo 2 of 2: UCIP_FA_2016_41624_18768.jpg



WS- abandoned pipe near power pole (right)

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	0.68	Rating **	М	Issue No.		13		
LM End	0.68	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Encroachments			38.9607	72°	38.960772°		
пеш					43° -121.585943			
DWR ID DWR_LD0001S_01_f _ 2015_13								
	Comment Code							
EQ : Equip	ment							
			_					
	Inspector Comment							
Backhoe still at toe of landside levee. Fall 2016								

Photo 1 of 2 : FA_2016_LD0001S_433	s_13_20160906_00004.jpg
一 一	Marie William Charles
	12000
The state of the s	
THE AND POST OF THE PARTY OF THE	
国际产业 工作,1915年,1915年,1915年,1915年	
and the state of t	
	A CONTRACTOR OF THE PROPERTY O

This picture was from Fall 2015 Inspection but the backhoe is still there and the picture is the same for Spring of 2016. The backhoe was located on the landside toe of the levee.

 LM Start
 0.68
 Rating **
 M
 Issue No.
 13 (cont)

 LM End
 0.68
 Issue Type +
 En
 Location *
 LS

Photo 2 of 2: FA 2016 LD0001S 433 13 20161007 00089.jpg



Backhoe is still there for Fall of 2016. The backhoe is on the landside toe of the levee.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	1.12	Rating **	М	Issue No.		14		
LM End	1.12	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroachments			38.9668	68°	38.966868°		
пеш		-121.587230 °		-121.587230 °				
DWR ID DWR_LD0001S_01_f _ 2015_14								
	Comment Code							
PR : Prunings								
Inspector Comment								
Remove pruning's from levee toe. Fall 2016.								

_ = = = = = = = = = = = = = = = = = = =

Photo 1 of 2: FA_2016_LD0001S_433_14_20160906_00005.jpg

Prunnings on the landside toe are blocking visibility. Spring 2016.

Photo 2 of 2: FA_2016_LD0001S_433_14_20161007_00088.jpg



Prunnings on the landside toe are blocking visibility. Fall 2016.

LM Start	1.12	Rating **	М	Issue No.	14 (cont)
LM End	1.12	Issue Type +	En	Location *	LS

LS : Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	1.85	Rating **	U	Issue No.	e No. 500		
LM End	1.85	Issue Type +	En	Location *		LS	
Category Supplemental				GPS La	atitud	le/Longitude	
Calegory						End	
ltom	DWR UCI	P Field Study		38.9770	02°	38.977002°	
Item				-121.5911	99°	-121.591199°	
DWR ID						·	
Comment Code							

Inspector Comment

FS_ID:50641 DS_ID:17917 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP)

FIELD_STRÚCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955. As-Built Drawing No. 4-4-205-1 (Station 657+00)].

FS Date: 7/20/2016

LM Start	1.85	Rating **	U	Issue No.	500 (cont)
LM End	1.85	Issue Type +	En	Location *	LS



Pipe visible on WS slope. Photo courtesy of Sterling York, DWR Inspector.

Photo 2 of 2: UCIP_FA_2016_50641_75108.jpg



Pipe open on LS end. Photo courtesy of Sterling York, DWR Inspector.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	2.21	Rating **	М	Issue No.	491		
LM End	2.21	Issue Type +	En	Location *	LS		
Category	GPS La	tituc	le/Longitude				
Calegory		Start		End			
Item	DWR UCI	P Field Study		38.98213	5°	38.982135	0
пеш				-121.59197	'4 °	-121.591974	0
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:11383 DS_ID:17915 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: A 8-inch steel drainage pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on

2.21

LM End

landward s	landward slope.O&M Manual Sac 144, August 1955, Revision Year								
2011.									
FS Date: 4	FS Date: 4/12/2013								
LM Start	2.21	Rating **	M	Issue No.	491 (cont)				

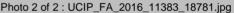
Location *

LS

Issue Type +



WS- 8-inch steel pipe and disconnected pvc pipe on levee slope





WS-a disconnected pvc pipe on levee slope

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	2.42	Rating **	М	Issue No.	499		
LM End	2.42	Issue Type +	En	Location *		LS	
Category Supplemental				GPS La	atitud	e/Longitude	
				Start		End	
Item	DWR UCI	P Field Study		38.9852	23 °	38.985223°	
пеш				-121.5919	22 °	-121.591922°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:41787 DS_ID:18667 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears to be abandoned and should be verified as having been done so properly. - concrete standpipe with 10-inch steel pipe.- concrete wing wall- no pipe- abandoned structure- a pump found on other side of the levee (WS) but not sure whether it is associated with this crossing.

FIELD_STRUCT_DESC: *ABANDONED* 24" pipe under landside approach and install 10-inch corrugated iron pipe under landside

approach(culvert). Not found in O&M Manual. FS Date: 4/12/2013

LM Start	2.42	Rating **	М	Issue No.	499 (cont)
LM End	2.42	Issue Type +	En	Location *	LS



LS- overview of landside with concrete standpipe

Photo 2 of 2: UCIP_FA_2016_41787_18792.jpg



LS- abandoned wing wall- no pipe

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	2.44	Rating **	С	Issue No.		16	
LM End	2.44	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			38.9854	46°	38.985446°	
пеш				-121.591930 °		-121.591930°	
DWR ID	DWR_LD00	001S_01_s _ 20	15_16				
		Comn	nent Cod	de			
MA : Mate	rial						
		Inspecto	or Comm	nent			
Walnut hulls left on waterside of the levee have been removed and access road to the pumps re-rocked.							

No Photos

LM Start	2.72	Rating **	М	Issue No.		17		
LM End	2.72	Issue Type +	Ma	Location *		CR		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	. Animal Control			38.9894	70°	38.989470	0	
пеш			-121.5925	02°	-121.592502	0		
DWR ID	DWR_LD0							
Comment Code								

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



View of rodent holes on the landside crown and slope. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	3.42	Rating **	М	Issue No.		493	
LM End	3.42	Issue Type +	En	Location *		CR	
Category	ental	GPS La	titud	e/Longitude			
Calegory			Start	End			
Item	DWR UCI	P Field Study		38.9988	58°	38.998858°	
пеш				-121.5967	46 °	-121.596746°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:41348 DS_ID:17918 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

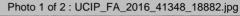
UCIP Comments: Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned.

FIELD_STRUCT_DESC: *ABANDONED* steel 8-inch drainpipe through levee, 4.1 feet below crown. Siphon breaker on landward slope. Butterfly shutoff valve on landward slope, concrete stand pipe and pump at toe of landward slope. Discharges into borrow pit on waterward

O&M Manual Sac 144, August 1955, Revision Year 2011.

FS Date: 4/8/2013

LM Start	3.42	Rating **	М	Issue No.	493 (cont)
LM End	3.42	Issue Type +	En	Location *	CR





WS- abandoned concrete structure on levee slope

Photo 2 of 2: UCIP_FA_2016_41348_18881.jpg



WS- abandoned steel structure on waterway

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	4.41	Rating **	М	Issue No.		21		
LM End	4.41	Issue Type +	Ма	Location *	Location * LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Slope Sta	bility		39.0114	93°	39.011493°		
item		-121.603623 °						
DWR ID DWR_LD0001S_01_f _ 2016_21								
		Comn	nent Cod	le				
S3 : Repai access wh		slope damag le.	jed by ve	hicle traffic	anc	d prevent		
		Inspecto	or Comm	ent				



View of landside slope where vehicles have been driving up and down to go around gate. Fall 2016.

LM Start	4.41	Rating **	М	Issue No.		36	
LM End	4.41	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category						End	
Item	Slope Sta	bility		39.0114	93°	39.011493°	
item				-121.6036	24°	-121.603624°	
DWR ID DWR_LD0001S_01_f _ 2016_36							
Comment Code							

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



View of waterside slope where vehicles have been driving up and down to go around gate. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	9.16	Rating **	A/W	Issue No.		489		
LM End	9.16	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	Vegetation				39.076558°		
item				-121.6058	-121.605837°			
DWR ID	DWR_LD00	001S_01_s _ 20	12_489					
		Comn	nent Cod	de				
V6 : Lands	caping							
Inspector Comment								
Landscapii	Landscaping on landward levee toe. The fruit trees are trimmed up 5'							

and there is no unwanted landscape at toe of slope.

Photo 1 of 1 : FA_2016_LD0001S_433_489_20161007_00083.jpg

View of trees on the landside of the levee that have been trimmed up. Fall 2016.

LM Start	9.35	Rating **	М	Issue No.		23		
LM End	9.35	Issue Type +	En	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	Encroachments			39.0790	26°	39.079026°		
item				-121.6043	86°	-121.604386°		
DWR ID	DWR_LD00	001S_01_f _ 20	15_23					
		Comn	nent Cod	le				
PR : Prunings								

Inspector Comment

Tree trimmings at landside toe need removal that are within 10' of the toe.

Photo 1 of 1 : FA_2016_LD0001S_433_23_20161007_00082.jpg



View of pruning's on the landside levee toe looking downstream. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	11.39	Rating **	M	Issue No.		501	
LM End	11.39	Issue Type +	En	Location *	LS		
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	IP Field Study		39.1062	61 °	39.106261°	
пеш				-121.6075	35 °	-121.607535°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:50675 DS_ID:18879 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Not Found

UCIP Comments: 07/20/2016 Pipe and pump station removed as part of the Feather River West Levee Project. (K. Fazel - UCIP)04/05/2013 Road pavement cracked along pipe line, needs more investigation. (P. Amatya - DWR)

FIELD_STRUCT_DESC: *REMOVED* 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe.

FS Date: 7/20/2016

LM Start	11.39	Rating **	М	Issue No.	501 (cont)
LM End	11.39	Issue Type +	En	Location *	LS

Photo 1 of 2: UCIP_FA_2016_50675_19462.jpg



Levee crown overview- siphon breaker on right

Photo 2 of 2: UCIP_FA_2016_50675_19461.jpg



Enter photo 3 description or comment here.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	11.63	Rating ** M		Issue No.		42
LM End	11.63	Issue Type +	Ма	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
				Start		End
Item	Slope Sta	bility		39.1096	92°	39.109692°
item				-121.6071	42 °	-121.607142°
DWR ID	DWR ID DWR_LD0001S_01_s _ 2016_42					
Comment Code						

S1 : Repair slope instability.

Inspector Comment

Erosion on the waterside slope caused by rain and foot traffic needs to be monitored. Fall 2016.

LM Start	11.63	Rating **	М	Issue No.	42 (cont)
LM End	11.63	Issue Type +	Ma	Location *	WS



Slope erosion due to rain on the waterside. Spring 2016.

Photo 2 of 2: FA_2016_LD0001S_433_42_20161007_00081.jpg



View of were slope erosion due has occurred due to rain and foot traffic on the waterside. Fall 2016.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	11.99	Rating **	М	Issue No.	498		
LM End	11.99	Issue Type +	En	Location *		WS	
Category	ental	GPS La	titud	le/Longitude			
Calegory			Start		End		
Item	DWR UCI	P Field Study		39.1148	56°	39.114856°	
пеш				-121.60582	21 °	-121.605821 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:41841 DS_ID:17932 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings. FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder.

FS Date: 4/5/2013

LM Start	11.99	Rating **	М	Issue No.	498 (cont)
LM End	11.99	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_41841_19538.jpg



Levee Crown: gasline indicator/markings on crown road.

Photo 2 of 2: UCIP_FA_2016_41841_19537.jpg



LS- fenced control station across concrete ditch

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	12.00	Rating **	М	Issue No.		496
LM End	12.00	Issue Type +	En	Location *		WS
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P Field Study		39.1148	56°	39.114856 °
пеш				-121.60582	21 °	-121.605821 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:41889 DS_ID:18880 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to install gasline markers.Fenced control station on LS.Indicator on LS across

concrete channel.Road markings.

FIELD_STRUCT_DESC: 2 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder.

FS Date: 4/5/2013

LM Start	12.00	Rating **	М	Issue No.	496 (cont)
LM End	12.00	Issue Type +	En	Location *	WS

Photo 1 of 2: UCIP_FA_2016_41889_19566.jpg



Levee Crown: road markings on road pavement

Photo 2 of 2: UCIP_FA_2016_41889_19565.jpg



LS- fenced control station across concrete ditch.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	12.28	Rating **	М	Issue No.		40	
LM End	12.28	Issue Type +	Ма	Location *		WS	
Cotogoni	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	bility		39.1185	30°	39.118530°		
пеш	-121.603455° -121.603						
DWR ID	DWR_LD00	001S_01_f _ 20	16_40				
		Comn	nent Cod	le			
S2 : Repa where pos		slope damag	jed by fo	ot traffic an	d pr	event access	
		Inspecto	or Comm	ent			



View of landside slope at access gate that has been cut into by foot traffic. Fall 2016.

		D .: ++				_		
LM Start	13.13	Rating **	Α	Issue No.		3		
LM End	13.13	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Odlogory				Start		End		
Item	Encroach	ments		39.1302	17°	39.130217°		
item				-121.602453 °		-121.602450 °		
DWR ID	DWR_LD00	001S_01_s _ 20	12_3			·		
		Comn	nent Cod	de				
BU : Buildi	ng							
		Inspecto	or Comm	nent				
Building is	Building is permitted, Permit #16425.							



Houses encroaching landside levee toe. Fall 2016.

LM Start	13.14	Rating **	U	Issue No.		41		
LM End	13.14	Issue Type +	En	Location *		LS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	39.1303	884°	39.130384°				
item				-121.602543 °		-121.602543°		
DWR ID	DWR ID DWR_LD0001S_01_f _ 2016_41							
		Comn	nent Cod	de				
DE : Debri	s							
		Inspecto	or Comm	nent				
Pile of deb	Pile of debris needs to be removed from slope. Fall 2016.							



View of debris on landside levee slope. Fall 2016.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	13.17	Rating **	Α	Issue No.		39	
LIVI Start							
LM End	13.17	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachments			39.1307	'02 °	39.130702°	
item				-121.602669°		-121.602669°	
DWR ID DWR_LD0001S_01_f _ 2016_39							
		Comn	nent Cod	de			
BU : Buildi	ng						
		Inspecto	or Comm	nent			
Building is	Building is permitted, Permit #16426.						

Photo 1 of 1: FA_2016_LD0001S_433_39_20161007_00070.jpg

View of a building at the toe of the landside levee. Fall 2016.

LM Start	13.25	Rating **	М	Issue No.		27	
LM End	13.25	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees		39.1318	27°	39.131827 °	0
itein				-121.603233 °		-121.603233°	
DWR ID	DWR_LD00	001S_01_f _ 20	15_27				
		Comn	nent Coc	de			

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Tree foliage hiding levee face/toe. Fall 2016.

Photo 1 of 1: FA_2016_LD0001S_433_27_20161007_00077.jpg



Tree at landside levee toe obstructing visibility. Fall 2016.

LM Start	13.34	Rating **	U	Issue No.		18		
LM End	13.34	Issue Type +	Ma	Location *	LS			
Category Earthen Levee			GPS Latitude/Longitude					
			Start		End			
Item	Vegetatio	Vegetation			50°	39.133050°		
item	Item			-121.603813 °		-121.603813°		
DWR ID	DWR_LD00	001S_01_f _ 20	15_18			·		
	Comment Code							

V7 : Trees / Woody Vegetation

Inspector Comment

Overgrown olive trees (6), buckeye (1) and oak trees (2) on slope of levee, branches touching and obscuring levee. Ivy obscuring slope.

Photo 1 of 2: FA_	_2016_LD0001S_43	3_18_20160906_00007.jpg
		y xx
i A		

Trees and vegetation blocking visibility. Spring 2016.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	13.34	Rating **	U	Issue No.		18 (cont)	
LM End	13.34	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category		Start		End			
Item	Vegetation			39.133050°		39.133050°	
itein				-121.603813 °		° -121.603813	
DWR ID	DWR_LD00	001S_01_f _ 20	15_18				
Comment Code							
V7 : Trees	/ Woodv \	/egetation					

Inspector Comment

Overgrown olive trees (6), buckeye (1) and oak trees (2) on slope of levee, branches touching and obscuring levee. Ivy obscuring slope.



Trees and vegetation blocking visibility on the landside slope of the levee. Spring 2016.

LM Start	13.37	Rating **	M	Issue No.	38		
LM End	13.37	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Encroachments			39.133431°		39.133431°	
item	item		-121.603905 °		-121.603905 °		
DWR ID	DWR_LD00	001S_01_f _ 20	16_38				
Comment Code							
FE : Fence							

Inspector Comment



View of chain link fence covered with vegetation at landside levee toe. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	13.39	Rating **	U	Issue No.		37	
LM End	13.39	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
				Start		End	
Item	Encroach	ments		39.133710°		39.133710°	
пеш				-121.604013 °		-121.604013°	
DWR ID	DWR_LD00	001S_01_f _ 20	16_37				
		Comn	nent Cod	de			
FE : Fence)						
Inspector Comment							
Fence half way up the levee slope blocks access and visibility. Fall							



View of fence that encroaches half way up the landside levee slope. Fall 2016.

LM Start	13.42	Rating **	U	Issue No.	24		
LM End	13.42	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Vegetatio	n		39.1341	19°	39.134119 °	
пеш				-121.6042	13 °	-121.604213 °	
DWR ID	DWR_LD0001S_01_f _ 2015_24						
Comment Code							

V7 : Trees / Woody Vegetation

Inspector Comment

Vegetation on the chainlink fence obscuring visibility. Oleander on the levee.

LM Start	13.42	Rating **	U	Issue No.	24 (cont)
LM End	13.42	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2016_LD0001S_433_24_20160906_00011.jpg

Trees and vegetation blocking visibility on the landside toe of the levee. Spring 2016.

Photo 2 of 2: FA_2016_LD0001S_433_24_20160906_00012.jpg



Trees and vegetation blocking visibility. Spring 2016.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	13.46	Rating **	Α	Issue No.		35			
LM End	13.46	Issue Type +	En	Location *		LS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroachments					39.134700°			
пеш				-121.604509°		-121.604509°			
DWR ID DWR_LD0001S_01_f _ 2016_35									
		Comn	nent Cod	de					
BU : Buildi	ng								
		la a a a a t	0						
		Inspecto	or Comm	ient					
Building is	Building is permitted, Permit #16444.								



View of a building at the toe of the landside levee. Fall 2016.

LM Start	13.46	Rating **	Α	Issue No.		34			
LM End	13.46	Issue Type +	En	Location *		LS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroach	ments		39.1347	57°	39.134757°			
item				-121.6045	35°	-121.604535°			
DWR ID	DWR_LD00	001S_01_f _ 20	16_34						
		Comn	nent Cod	le					
BU : Buildi	ng								
		Inspecto	or Comm	ent					
Building is	Building is permitted, Permit #16445.								



View of a building at the toe of the landside levee. Fall 2016.

LM Start	13.49	Rating **	Α	Issue No.		33			
LM End	13.49	Issue Type +	En	Location *	LS				
Category Earthen Levee				GPS La	atitud	e/Longitude			
Odlogory				Start		End			
Item	Encroach	ments		39.1351	66°	39.135166°			
item				-121.6047	'17 °	-121.604717°			
DWR ID	DWR ID DWR_LD0001S_01_f _ 2016_33								
		Comn	nent Cod	le					
BU : Buildi	ng								
		Inspecto	or Comm	ent					
Building is	permitted,	Permit #1644	46.						



View of a building at the toe of the landside levee. Fall 2016.

** Rating

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Monitor & Maintain M: Maintain M: Maintain M: Minimally Acceptable CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintain Minimally Acceptable M: Monitor & Maintain M: Maintain M: Minimally Acceptable M: En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	14.31	Rating **	М	Issue No.		32		
LIVI Start								
LM End	14.31	Issue Type +	En	Location *		WS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Encroach	ments		39.1458	88°	39.145888°		
item				-121.609589° -12		-121.609589°		
DWR ID DWR_LD0001S_01_f _ 2016_32								
		Comn	nent Cod	de				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Pruning's i	need to be	removed. Fa	I 2016.					



View of pruning's on the waterside slope looking downstream. Fall 2016.

LM Start	14.35	Rating **	М	Issue No.		494		
LM End	14.35	Issue Type +	En	Location *		Location *		WS
Category	Suppleme	GPS Latitude/Longitude						
Category				Start		End		
Item	DWR UCI	P Field Study		39.1464	94°	39.146494°		
пеш				-121.6097	15°	-121.609715°		
DWR ID								

Inspector Comment

Comment Code

FS_ID:41887 DS_ID:18640 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact ownder to determin status of

crossing and install signs if appropriate.

FIELD_STRUCT_DESC: A 18-inch steel; Gas Line.

O&M Manual Sac 144, August 1955, Revision Year 2011.

FS Date: 4/5/2013



WS- USA road marking and floodway area

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	14.35	Rating **	М	Issue No.		494 (cont)	
LM End	14.35	Issue Type +	En	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCIP Field Study			39.1464	94°	39.146494°	
item				-121.6097	15 °	-121.609715 °	
DWR ID					·		
Comment Code							

Inspector Comment

FS_ID:41887 DS_ID:18640 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact ownder to determin status of

crossing and install signs if appropriate.

FIELD_STRUCT_DESC: A 18-inch steel; Gas Line.
O&M Manual Sac 144, August 1955, Revision Year 2011.

FS Date: 4/5/2013



WS- USA road marking on pavement

LM Start	15.03	Rating **	М	Issue No.		492	
LM End	15.03	Issue Type +	En	Location *	WS		
Category				GPS Latitude/Longitude			
Category			Start		End		
Item	IP Field Study	ld Study		70°	39.154970°		
item				-121.615617 °		-121.615617°	
DWR ID						·	

Comment Code

Inspector Comment

FS_ID:12092 DS_ID:17923 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Only a gasline indicator found on LS.Needs gasline

marker also on WS.

FIELD_STRUCT_DESC: A 16-inch gas line through levee, 3.5 feet

below the crown. FS Date: 4/5/2013

Photo 1 of 2: UCIP_FA_2016_12092_19624.jpg

LS- overview of gasline marker on levee slope

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	15.03	Rating **	М	Issue No.		492 (cont)	
LM End	15.03	Issue Type +	En	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory			Start		End		
Item	DWR UCIP Field Study			39.1549	70°	39.154970°	
пеш				-121.615617°		-121.615617 °	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:12092 DS_ID:17923 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Only a gasline indicator found on LS.Needs gasline

marker also on WS.

FIELD_STRUCT_DESC: A 16-inch gas line through levee, 3.5 feet

below the crown. FS Date: 4/5/2013



LS- gasline marker on levee slope

15.15 Rating ** Issue No. 490 LM Start Μ Issue Type + Location * LM End 15.15 En WS Supplemental GPS Latitude/Longitude Category Start End DWR UCIP Field Study 39.156241 ° 39.156241 ° Item -121.617210° -121.617210° DWR ID

Comment Code

Inspector Comment

FS_ID:12104 DS_ID:18644 EP_NO: 17259

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Found an indicator only on LS. Needs an indicator

FIELD_STRUCT_DESC: An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River.

FS Date: 4/5/2013

Photo 1 of 2: UCIP_FA_2016_12104_19642.jpg



WS- needs a gasline indicator.

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	15.15	Rating **	М	Issue No.		490 (cont)	
LM End	15.15	Issue Type +	En	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory			Start		End		
ltom	Item DWR UCIP Field Study			39.1562	41 °	39.156241 °	
пеш				-121.6172	10°	-121.617210°	
DWR ID						·	
Comment Code							

Inspector Comment

FS_ID:12104 DS_ID:18644 EP_NO: 17259

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Found an indicator only on LS. Needs an indicator

also on WS

FIELD_STRUCT_DESC: An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River.

FS Date: 4/5/2013

1	Photo 2 of	2: UCIP_F	A_2016_1	2104_1964	1.jpg
					2
	214			a Contract	
		•			
				04/05/2013	11:27
				34,33,2013	

LS- gasline indicators on levee slope and across.

LM Start	16.11	Rating **	М	Issue No.		495	
LM End	16.11	Issue Type +	En	Location *		WS	
Category			GPS Latitude/Longitude				
Category				Start		End	
DWR UCIP Field Study			39.1688	30°	39.168830°		
пеш				-121.6226	28°	-121.622628°	
DWR ID							

Comment Code

Inspector Comment

FS_ID:41888 DS_ID:18645 EP_NO: 3823

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. FIELD_STRUCT_DESC: A 8-inch steel gasline crossing the South Yuba River project levee, and the Yuba River overflow area. Pipe depth is 3.3 ft. below the crown. Application no. 3823, 1961.

FS Date: 4/5/2013

Photo 1 of 2: UCIP_FA_2016_41888_19709.jpg



Railway and levee crossing and gasline sign across the railway

* Location Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side A: Acceptable N: Not Inspected/Rated WS: Water Side Minimally Acceptable C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/04/2016 10/04/2016	Sterling York

LM Start	16.11	Rating **	М	Issue No.		495 (cont)	
LM End	16.11	Issue Type +	En	Location *	WS		
Category	Supplemental			GPS Lat	itud	le/Longitude	
Calegory				Start		End	
Item	DWR UCIP Field Study			39.16883	o°	39.168830	0
пеш				-121.622628 °		-121.622628	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:41888 DS_ID:18645 EP_NO: 3823

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. FIELD_STRUCT_DESC: A 8-inch steel gasline crossing the South Yuba River project levee, and the Yuba River overflow area. Pipe depth

is 3.3 ft. below the crown. Application no. 3823, 1961.

FS Date: 4/5/2013

Photo 2 of 2 : UCIP_FA_2016_41888_19708.jpg

Gasline sign across the railway